

## September 2004 On-site I-DEAS CAD Training

### ENGINEERS, PLEASE ATTEND!!!!

Here is your chance to finally get that modeling training that you keep saying that you will take some day. Well, this might very well be the last chance to learn I-DEAS. We will be moving into TC Engineering training soon so I-DEAS modeling classes will be hard to come by. So act now and sign up so that you and your designers and detailers can work more efficiently together.

#### **Course: I-DEAS Intro to 3-D Modeling (2 Day Class)**

**Prerequisites:** An interest in modeling in I-DEAS to facilitate the TEAM approach to design.

**Contact:** Don Mitchell, x6768

**Reference Material:** I-DEAS tutorials. You are encouraged to work through the tutorials found within I-DEAS. *help / help library / tutorials*

**Target Audience:** Fermilab engineers or any CAD users new to I-DEAS

**Objective:** To teach the basics of solid modeling in I-DEAS.

**Course Content:** Students will learn how to sketch profiles, constrain geometry, extrude and revolve and will learn how to navigate the ICON panel within I-DEAS.

**When:** Tuesday 9/7/2004 – Wednesday 9/8/2004 8:00 AM - 4:00 PM

**Instructor:** Don Mitchell and Kerry Ewald

**Where:** Training Center, Road A-1, Computer Training Room

**Offered To:** Fermilab CAD Users (Specifically Engineers)

**Fee:** \$0.00 (in-house training)

**Attendees:** room for 16 (Must be approved by your supervisor. Please read page 2)

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#### **Course: I-DEAS Intro to 3-D Assemblies and Drafting (2 Day Class)**

**Prerequisites:** Must have completed the “Intro to Modeling” training OR be semi-proficient in the use of I-DEAS basic part modeling. Engineers are strongly encouraged to attend this class to better understand how to structure and control their project and to work more proficiently with designers and detailers.

**Contact:** Don Mitchell, x6768

**Reference Material:** I-DEAS tutorials. You are encouraged to work through the assembly tutorials (found within I-DEAS) before attending this class to get a jumpstart on the training. *help / help library / tutorials*

**Target Audience:** Fermilab engineers or any CAD users new to I-DEAS

**Objective:** Processing 3-D models down into 2-D drawings, an overview of the 2-D drafting environment, and teaching the fundamentals of the “Assembly task”.

**Course Content:** Students will focus on learning the basics of the Assembly Task, the drafting ICON panel and layout drawings, and the processing of solids into detail drawings.

**When:** Thursday 9/9/2004 – Friday 9/10/2004 8:00 AM - 4:00 PM

**Instructor:** Don Mitchell and Kerry Ewald

**Where:** Training Center, Road A-1, Computer Training Room

**Offered To:** Fermilab CAD Users (Specifically Engineers)

**Fee:** \$0.00 (in-house training)

**Attendees:** room for 16 (Must be approved by your supervisor. Please read page 2)

**CAD and Engineering Managers:** Please compile a list of your personnel that will be attending this training. **E-mail me your rosters by Tuesday, August 31, 2004 so that a final roster can be confirmed and sent out by September 3, 2004.**

This training is open to all designers and engineers so please consider ALL possible candidates for this training.

**CAD Users:** Please contact your supervisor ASAP to ask about attending these classes. **You must have their approval to attend this training.** A final class roster will be sent out to all attendees approximately one week before the training dates. Do not send your requests to attend these classes to Don Mitchell. Contact Don at x6768 ONLY with your questions about the contents of this training. Thanks!

### **Upcoming I-DEAS CAD/PDM Training**

**December 6-9**

Please send me training topics of interest  
dmitchel@fnal.gov